Edematous form of hemolytic disease in newborn infants (its pathologic anatomy, pathogenesis, differential diagnosis and mortality). Vop.okh.mat.i det. 7 no.9:49-56 S '62. 1. Iz kafedry patologicheskoy anatomii (zav. - prof. Yu.V. Gul'kevich) Minskogo meditainskogo instituta (dir. - dotsent A.A.Klyucharov). (ERYTHROBLASTOSIS FETALIS)

- 1. SHTYURK, A. Eng.; MUTAFOLO, L.
- 2. USSR (600)
- 4. Ships-Painting
- 7. New developments in ship painting. Mor. flot. 12, No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

	New p	ortable	textile	print	ing ma	chine.	Tekst	. prom.	18	no.8:66	; 11:10)		
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APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

ABADZHI, K.I.; BOYTSOV, A.N.; VOLOSEVICH, F.P.; GOBERMAN, P.N.; KUTAY, A.K.;
NARINSKIY, F.I.; ODING, G.A.; RUBINOV, A.D.; SHTYURMER, G.A.;
BRZHRZINSKIY, M.L., kandidat tekhnicheskikh nauk, Tetsehzent; PETROV,
V.I., inzhener, retsenzent; KEMPINSKIY, M.M., inzhener, redaktor;
LEYKINA, T.L., redaktor izdatel'stva; POL'SKAYA, R.G., tekhnicheskiy
redaktor

[Reference manual for production control in machine building] Spravochnik po proizvodstvennomu kontroliu v mashinostroenii. Pod obshchei red.
A.K.Kutai. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
1956. 670 p,
(MIRA 9:12)
(Machinery industry)

RUMYANTSEV, S.N., kand.tekhn.nauk; SHTYURNER, G.A., kand.tekhn.nauk; KHOVANOV, M.I.

Sliding friction coefficient of sunflower seed pulp relative to a steel rod. Masl.-zhir.prom. 26 no.9:37-39 S '60.

(MIRA 13:8)

1. Voronezhskiy tekhnologicheskiy institut, Leningradskoye otdeleniye.

(Sunflower seed) (Friction)

ABADZHI, K.I.; BOYTSOV, A.N.; VOLOSEVICH, F.P.; GOBERMAN, P.N.; KEMPINSKIY, M.M.; KUTAY, A.K.; NARINSKIY, F.I.; ODING, G.A.; TAYTS, B.A.; RUBINOV, A.D.; SHTYURMER, G.A.; ERZHEZINSKIY, M.L., kand. tekhn. nauk, retsenzent; SHALAYEVSKIY, O.V., red.; LEYKINA, T.L., red.izd-va; SPERANSKAYA, O.V., tekhn. red.

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[Handbook on production control in the machinery industry]
Sprayochnik po proizvodstvennomu kontroliu v mashinostroenii. Izd.2., perer. i dop. Moskva, Mashgiz, 1964. 7.8 p.
(MIRA 17:3)

ShTyurmer, V.L

USSR/Meteorology - Cloud effects

Card 1/1 : Pub. 86 - 30/40

Authors : Shtyurmer, V. L., and Vasil'ev, K. P.

Title : Sunlight reflected from a cloud

Periodical: Priroda 43/4, page 115, Apr 1954

Abstract : A detailed description is given of unusual lighting effects

produced after a rain, the striking features of which were a double rainbow and a fanlike display of seven rays emanating

from a cloud and bent at right angles.

Institution:

Submitted:

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

SHTYURMER, Ye. B.

Reflexes

Reflexes of the nervous system during functional and organic disorders of the brain. Vest. Len. un 7, No. 10, 1952.

Monthly List of Mussian Accessions, Library of Congress, June 1953. Uncl.

SHTYURMER, Ye.B., student.

Dynamics of changes in the so-called "accommodation constant" during the development of parabiosis. Nauch.biul. Ien.un. no.31:29-36 '53's (MIRA 10:3)

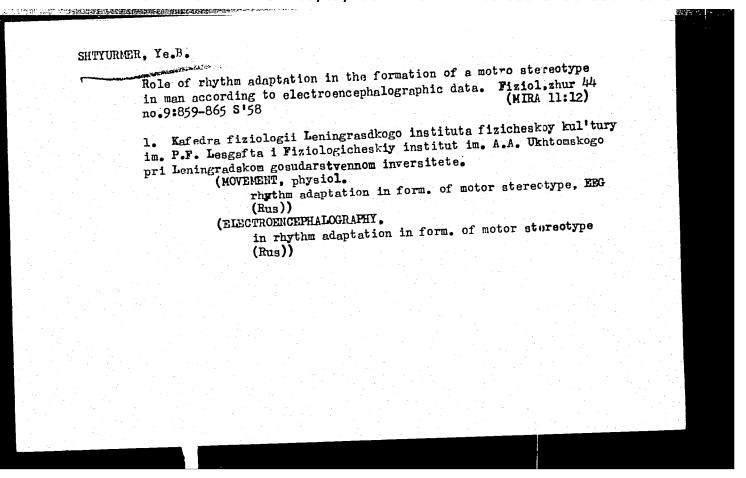
1. Laboratoriya fiziologii tsentral'noy nervnoy sistemy.

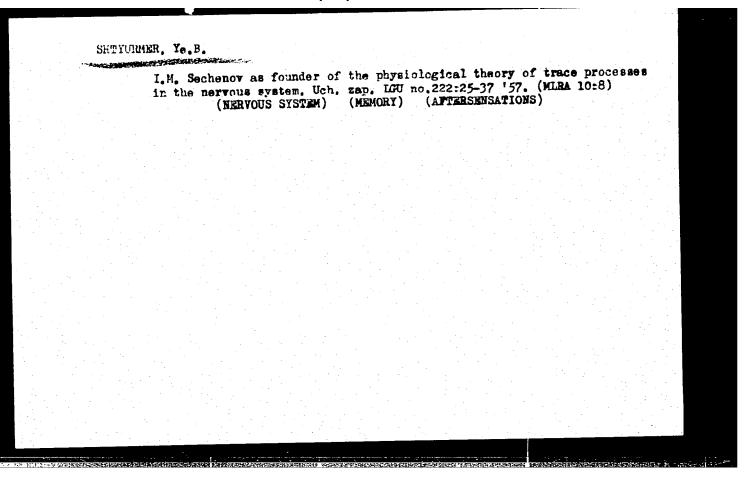
(Parabiosis)

SHTYURMER, YE. B.

SHTYURMER, YE. B. -- "Aspects of the Vestigial Processes in the Reflex Reactions of the Respiratory and Vasomotor Centers." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Physiological Inst imeni Academician A. A. Ukhtomskiy. Leningrad, 1955. (Dissertation for the Degree of Candidate of Biological Sciences.)

SO: Knizhnava letopis', No. 4, Moscow, 1956





KEMEN', A. [Kemeny, A.]; LITASH, F.; GASHPAR, Zh.; SHEYUTSEL', M.

Study in vitro of the respiration and glycolysis of the vascular plexus under various experimental conditions. Biokhimiia 26 no.5:787-793 (MIRA 14:12)

3-0 '61.

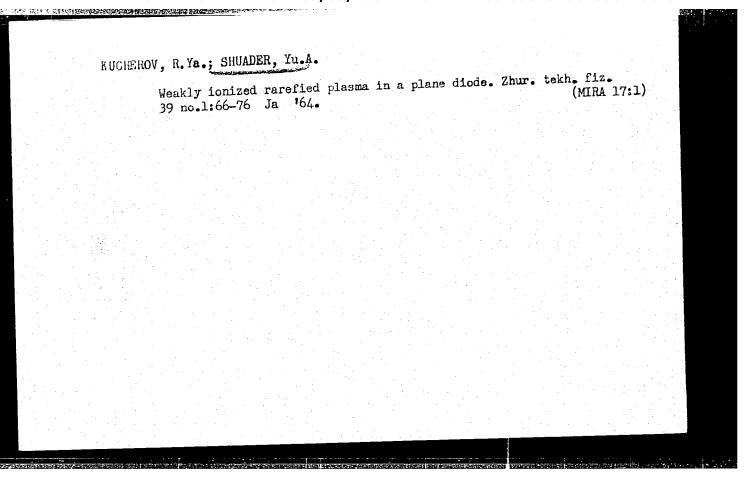
1. Chair of Physiology, Veterinary Institute, Budapest... (RESPIRATION) (CHOROID PLEXUS)

(GLYCOLWIS)

CHUABE, A. K.

20937 Shuabe, A. K. Vliyaniye belkovogo rezhima na sostav moloka sbornik
dekladov Pervoy Vsesoyuz. Konf-tsii po moloch. delu. M., 1949, s. 119-34

SC: LETCHIS ZHURNALSTATEY - Vol. 28, Moskva, 1949



TSITSISHVILI, G.V., akademik; GRIGOLIYA, Ye.L.; ANDRONIKASHVILI, T.G.;
SHUAKRISHVILI, M.S.

Sorption of water vapor on molecular sieves. Soot.AN Gruz.SSR
(MIRA 15:4)
28 no.1:17-24 Ja '62.

1. Akademiya Nauk Gruzinskoy SSR, Institut khimii imeni P.G.
Melikishvili, Tbilisi. 2. Akademiya Nauk Gruzinskoy SSR (for TSitsishvili).
(Zeolites) (Adsorption) (Steam)

TSITSISHVILI, G.V., akademik; BAGRATISHVILI, G.D.; BEZHASHVILI, K.A.; BARNABISHVILI, D.N.; SHUAKRISHVILI, M.S.

CONTROL OF THE PROPERTY BEAUTIFIED TO SEE THE PROPERTY OF THE

Production and study of the properties of X-type zeolites in ammonium and hydrogen ion exchange forms. Dokl. AN SSSR 152 no.5: 1136-1139 0 '63. (MIRA 16:12)

1. Institut khimii im. P.G.Melikishvili AN GruzSSR. 2. AN GruzSSR (for TSitsishvili).

EMP(j)/EWT(l)/EWT(m)/BDS--AFFTC/ASD--Pc-4-EM S/0192/63/004/003/0459/0460 L 11218-63 ACCESSION NR: AP3001632

AUTHOR: Baroni, Ye. Ye.; Ksenofontov, V. A.; Kucheryayev, A. G.; Oliferchuk, N. L.;

Shuander, Yu. A.

TITLE: Nuclear magnetic resonance of scintillators based on polystyroles

SOURCE: Zhurnal strukturnoy khimii, v. 4, no. 3, 1963, 459-460

TOPIC TAGS: NMR of protons, polystyrole and plastic scintillators

ABSTRACT: This study shows an experimental determination of som: features of NMR in the polystyrole and plastic scintillators based on polystyrol; which could be utilized for the stydy of structural properties. It was established that the NMR proton spectrum in the polystyrole and polystyrole with added scintillating substances at temperatures higher than 20-30C consist of two components: wide with DELTA H approximately equals 6.7 gauss and the narrow with DELTA H approximately equals 0.35 gauss. The amplitude of the narrow polystyrole component shows a temperature dependence at about 120C. With the introduction of luminescent materials the transition point is shifted into the region of lower temperatures. The wide component shows a transition of polystyrole at a temperature of approximately 75

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

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ACCESSION NR: AP3001632

and 120C. The introduction of scintillating materials shifts the point of transition to lower temperatures. Small additions up to 3% do not affect the transition at 75C. The NMR method may find its usefulness in the determination of a known concentration added to the polystyrole by means of shifting the transition points determined from the temperature dependence of the amplitude of the narrow component at the appropriate temperature. "The authors express their gratitude to V. M. Shoniya for the preparation of polystyrole and the scintillators in its base for these investigations." Orig. art. has: 2 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN Gruz SSR (Physico-Technical Institute, Gruz SSR)

SUBMITTED: 29Jan62

DATE ACQ: OlJul63 ENCI: 00

SUB CODE: 00

NO REF SOV: OOL

OTHER: 001

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Card

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

S/0057/64/034/001/0066/0076

ACCESSION NR: AP4009922

AUTHOR: Kucherov, R.Ya.; Shuander, Yu.A.

TITLE: A weakly ionized rarefied plasma in a plane diode

SOURCE: Zhurnel tekhnicheskoy fiziki, v.34, no.1, 1964, 66-76

TOPIC TAGS: plasma, rarefied plasma, Knudsen plasma, weakly ionized plasma, weakly ionized Knudsen plasma, plane diode, plane plasma diode

ABSTRACT: The present paper is a continuation of previous theoretical work on the behavior of a plane diode containing a plasma in which the mean free path is much a greater than the distance between the electrodes (M.I.Kaganov,R.Ya.Kucherov and L. E.Rikenglaz,ZhTF,31,588,1961; R.Ya.Kucherov,and L.E.Rikenglaz,Ibid.32,1075,1962). The potential in the space between the electrodes has been previously calculated for those conditions under which it is monotonic. When the potential is not monotonic, electrons are captured in the regions near the maxima, and collisions become important. The case of a single potential maximum has been previously treated for a highly ionized plasma, where only Coulomb collisions are important. In the present paper the case of a single potential maximum is treated for a weakly ionized plasma,

Card 1/2

ACC.NR: AP4009922

where only Coulomb collisions can be neglected. The distribution of the captured electrons is obtained by solving the kinetic equation with a collision integral that describes elastic collisions of the electrons with neutral atoms at rest. Certain approximations introduced in the previous papers are employed without further discussion. The distribution of the electrons that are not captured at the potential maximum is taken from the earlier work. With these two distributions, which depend on the potential, Poisson's equation is solved for the potential, and self-consistent solutions are achieved. It is here assumed that the distance between the electrodes is much greater than the Debye radius of the plasma. Only such self-consistent solutions are sought as involve only a single maximum in the potential, and the operating conditions for which such solutions exist are found. "The authors express their gratitude to L.E.Rigenglaz for valuable discussions and to M.I.Kaganov for discussing the results of the work." Orig.art.has: 58 formulas and 7 figures.

ASSOCIATION: none

SUBMITTED: 250ct62

DATE ACQ: 10Feb64

ENCL: 00

SUB CODE: PH

NR REF SOV: 003

OTHER: OOO

Car. 2/2

Duruta, Ar 15 m

AUTHORS:

Lupenko, V. I. and Shuaev, E.S.

549

TITLE:

On the duration of purging a system with a stream of an inert gas. (O prodolzhitel'nosti produvki sistemy inertnym gazom).

PERIODICAL:

"Khimiya i Tekhnologiya Topliva i Masel" (Chemistry and Technology of Fuels and Lubricants), 1957, No.2, pp. 58-60 (U.S.S.R.)

ABSTRACT:

An equation for calculating the time required for purging was derived:

$$t = -\frac{v}{m} \quad \ln \frac{x - c}{a - c}$$

where: t - purging time; v - volume of system in m³; m - rate of supply of an inert gas in m²/hour; x - final concentration of the gas component being purged; c - concentration of the same component in the purging gas; a - initial concentration of the gas component being purged. In the derivation of the above formula an instantaneous and ideal mixing of gases was assumed. On the basis of experience, it is recommended to multiply the calculated time by a factor of three. l figure, no references.

Card 1/1

CIA-RDP86-00513R001550110013-4 "APPROVED FOR RELEASE: 08/09/2001

30(1)

50V/99-59-9-10/14

AUTHOR:

Shub, A.G., Engineer

TITLE:

Reconstruction and Development of Tile Drainage in Oblast! UkrSSR the Kolkhozes of Chernovtsy

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 9, pp 59-60 (USSR)

ABSTRACT:

In the Chernovtsy Oblast' of the UkrSSR there are 38 collective farms located in hilly regions and covering about 30 thousand hectares. This land, partly due to heavy rains and snows, partly because of abundance in subsurface water, is strongly overirrigated. To improve these conditions, 20.5 thousand hectares of the area are drained by means of canals having a total length of about 1300 km. Additionally, there is a tile draining system built about 50 years ago in the area of 3.63 thousand hectares which now belongs to kolkhozes, and on 170 hectares belonging to a scientific-research station. The non-drained part

Card 1/3

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

SOV/99-59-9-10/14

Reconstruction and Development of Tile Drainage in the Kolkhozes of Chernovtsy Oblast' UkrSSR

of the lamd with an area of 8.9 thousand hectares is non-productive, and is used, chiefly, as pasture. During WW II, most of the draining ditches became clogged, and the tile drainage system also went out of ged, and the tile drainage system also went out of service. In the period 1954-1958, tile drainage was restored on 2 thousand hectares. Needless to say, unset on 2 thousand hectares. Needless to say, unset of such conditions the harvest yields were extremeder such conditions the harvest yields were extremely poor. The importance of drainage reconstruction by poor. The importance of drainage reconstruction was evident. As an example, the author gives the kolwas evident. As an example, the drainage was at the converse oblast; where the tile drainage was at the remove of time laid out over 215 hectares. This drainage one time laid out over 215 hectares. This drainage that satisfactorily carried out its function over about had satis

Card 2/3

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

SOV/99-59-9-10/14

Reconstruction and Development of Tile Drainage in the Kolkhozes of Chernovtsy Oblast' UkrSSR

in the Chernovtsy Oblast', in the Kolkhoz imen: Fed'kovich in the Vizhnitskiy rayon was undertaken. The net covered an area of 120 hectares; about 2000 tile ceramic pipes per hectare were used. As a result, the total length of open draining line previously used was shortened from 6.9 to 1.9 km, whereby ravorable conditions for mechanization of field work were created. There is 1 table.

ASSOCIATION: Chernovitskiy oblvodkhoz (Chernovisy Oblvodkhoz)

Card 3/3

KHIDEKEL', M. L.; SHUB, B. R.; RAZUVAYEV, G. A.; ZADOROZHNYY, N. A.; PONOMARENKO, V. A.

HARRIED BETWEEN BETWEEN THE STREET TO SERVE THE STREET

2,4,6-tris (trimethylsilyl)-l-phenoxyl, a monomer radical relatively resistant to oxygen. Izv AN SSSR Ser Khim no. 4:776 Ap '64.

(MIRA 17:5)

1. Institut khimicheskoy fiziki AN SSSR, Gor'kovskiy gosudarstvennyy universitet im. N. I. Lobachevskogo i Institut organicheskoy khimii im. N. D. Zelinskogo AN SSSR.

The state of the s	A
SHUB, D.	
· · · · · · · · · · · · · · · · · · ·	,
"On the Planning of Capital Construction," (O planerovanii kapital'nogo stroitel'strea),	
Sovetskaya Bashkir., p. 2, 10 Aug 54, Ufa	
m 7.4 D 300800	
Translation D 190800	

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

UBGR/Chemistry - Photosensitizing Catalysts Apr 52

"The Photoelectrochemical Process in the Micro-heterogenous Sensitizing System ZnO Suspension/Solution," V. I. Veselovskiy, D. M. Shub, Phys Chem Inst imeni I. Ya. Karpov, Moscow

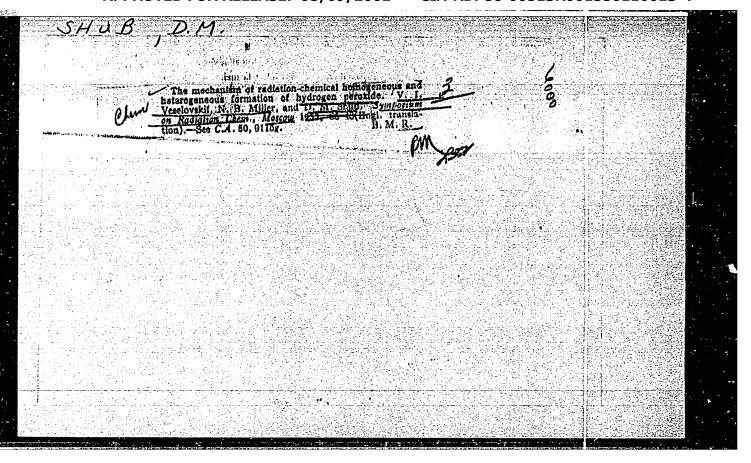
"Zhur Fiz Khim" Vol XXVI, No 4, pp 509-519

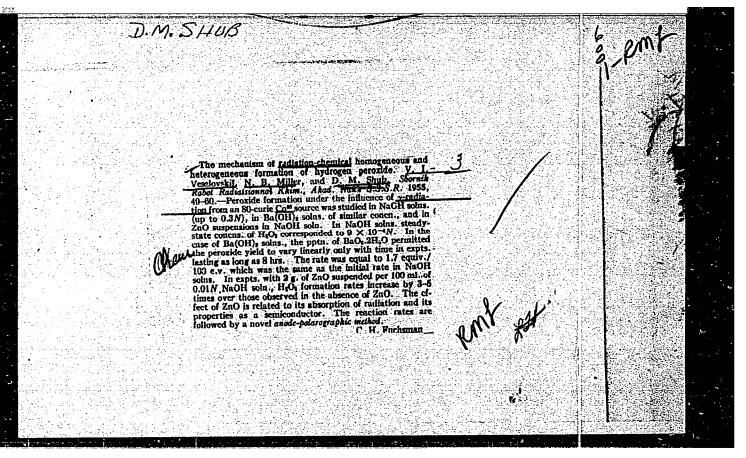
The ZnO photosensitizing system, which is of importance for clarifying the action of biol photosensitizers (chl.orophyll), and for studying the stability of pigment-contg rubber, paints, and lacquers toward light was investigated by the

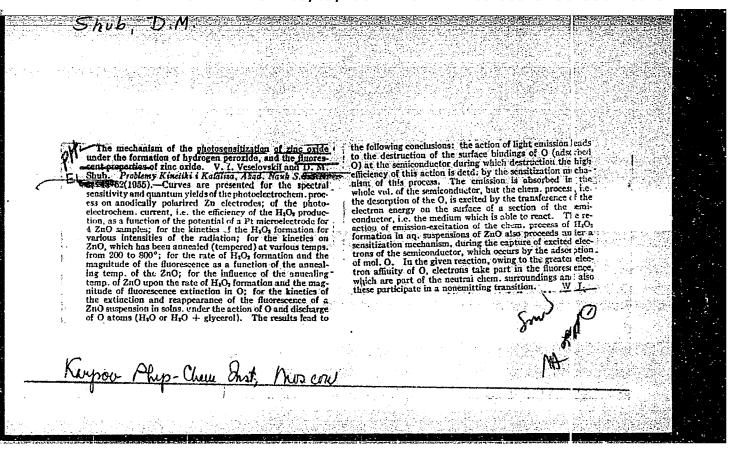
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method of anodic polarography under use of a rotating Pt microelectrode. The mechanism of the process studied, which involves formation of as an electrochem result of the extinction of Zno fluorescence by oxygen. The presence of an org reducing agent (glycerin) sharply increased the photoelectrochem process on Zno. At the same time, the effectiveness of anodic oxidation of glycerin at the Pt electrode is increased when the latter is irradiated with a wave length active for a Pt.PtO electrode.

SHOB D. H.







ShuB, DM

K-5

Category : USSR/Optics - Physical Optics

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4960

; Veselovskiy, V.I., Shub, D.M. Author

: Mechanism of the Formation of Hydrogen Perceide that is Photo-Sensitized : Physicochemistry Institute, USSR Inst

by Zirc Oxide and the Fluorescent Properties of Zinc Oxide Title

Orig Pub: Probl. kinetiki i kataliza, 1955, 8, 53-52

Abstract: The authors sum up the results of an investigation on the mechanism of the heterogeneous reactions of the desorption of 0, from ZnO, photosensitized by zinc oxide and of the formation of H2O2 in an aqueous solution in the presence of O2, and the connection between the sensitizing ability of Zr.O and its semiconductor and fluorescent properties. The high quantum effectiveness (up to 50% in the case of incident light) of description is caused by the sensitization mechanism of the process: the radiation absorbed by the entire volume of ZnO excites electrons (and holes) which migrate to the surface, causing a chemical reaction (desorption of O_2). In the H_2O_2 -formation reaction, the oxygen adsorbed from the ZnO captures the electrons that are excited by radiation: O_2 + e+

: 1/2 Card

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4" VARSHAVSKIY, Ya.M., doktor khim.nauk, red.; GEL'BSHTEYN, A.I., kand. khim.nauk [translator]; SHUB, D.M., kand.khim.nauk.[translator]; SHEGLOV, O.F., kand.khim.nauk [translator]; ARNOL'DOV, V.V., red.; IOVLEVA, N.A., tekhn.red.

[Catalytic, photochemical, and electrolytic reactions] Kataliticheskie, fotokhimicheskie i elektroliticheskie reaktaii. Moskva, Izd-vo inostr.lit-ry, 1960. 436 p. Translated from the English.

(MIRA 13:11)

(Chemical reactions)

PIKTORINSKAYA, N.K.; SHUB, D.M.; BORODINA, M.L.; BOGATYREV, P.M.

Increasing the resistance to chalking of muffle zinc whites in air. Lakokras. mat. i ikh prim. no. 6:21-26 '60. (MIRA 13:12) (Zinc oxide)

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550

"APPROVED FOR RELEASE: 08/09/2001	CIA-RDP86-00513R001550110013-4
Shub, D. M., Tyurikov, G. S., AUTHORS: Photo- and Radiation-chemics Peroxide in the Presence of Peroxide in the Presence of the Presenc	s/076/60/034/010/009/02-1 B015/B064 and Veselovskiy, V. I. all Decomposition of Hydrogen Tron Oxide Tron Oxide 1760, Vol. 34, No. 10, materials as heterogeneous into chemical energy into chemical or intion of nuclear radiation to ation of nuclear radiation to intion of nuclear radiation-chemical In continuation of previous In continuation and radiation-chemical the photo- and radiation-chemical the photo- and radiation-chemical the photo- and radiation-chemical while Companies were
is of special radiation-chemits are given initiate radiations, the results are given vestigations, and regularity of solution and regularity of solution, and regularity of the solution of the solution.	diation source of temperimental gastabilization. The experimental lar irradiation.
card 1/3	

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

Photo- and Radiation-chemical Decomposition of S/076/60/034/010/009/022 Hydrogen Peroxide in the Presence of Iron Oxide B015/B064

results obtained show that the catalytic effect of ${\rm Fe}_2{}^0{}_3$ upon the ${\rm H}_2{}^0{}_2$ decomposition due to light irradiation, as well as the γ -rays is strongly increased. This means that a chain reaction sets in on the surface of ${\rm Fe}_2{}^0{}_3$ which is due to an energy transfer causing an excitation of the particles of the ${\rm Fe}_2{}^0{}_3$ surface, and that the chain reaction of the ${\rm H}_2{}^0{}_2$ decomposition is passed on into the liquid. The high photo- and radiation-chemical activity of ${\rm Fe}_2{}^0{}_3$ can only be due to the effect of a heterogeneous sensitization (which depends on the electronic state of the semiconductor) sensitization (which depends on the electronic state of the semiconductor) are the same in the thermal ${\rm H}_2{}^0{}_2$ decomposition and in the decomposition due to radiation. A temperature increase accelerates in both cases the rate of decomposition. Since no particular difference was observed between the effect of the ultraviolet light and the γ -radiation, the reaction mechanism is assumed to be the same in both cases. Apparently, the higher energy (approximately 1.25 Mev) of the γ -quanta is transformed into a

Card 2/3

s/638/61/001/000/053/056 33122 B125/B104

24,3500 (1137,1138

Shub. D. M., Tyurikov, G. S., Veselovskiy, V. I.

AUTHORS:

Heterogeneous sensitization of radiochemical processes on

the semiconductor - solvent interface

Tashkentskaya konferentsiya po mirnomy ispol'zovaniyu atomnoy energii. Tashkent, 1959. Trudy. v. 1. Tashkent, TITLE:

TEXT: Data on the radio-electrochemical process in Co gamma irradiation SOURCE: TEAT: Dava on the rauto-electronemical process in ou gamma, illautation (activity 0,20,000 g-equ. Ra) of a Cu-Cu20 electrode in a 0.1 KOH solution are presented. The action of the optical radiation of a 500-watt bulb under the same conditions is compared. The system Cu Cu 20-KOH solution was irradiated after 3-hr saturation with nitrogen. The radio-electrowas irradiated after Jehr Saturation with histogen. The fauto-electrode chemical effect was first determined only from the change of the electrode potential under the simultaneous action of cathode current and radiation from $\Delta V_c = V_c$ at I = const for potentials between 0.770 v and 0.200 v. The potential was shifted toward more positive values by irradiation. v and v denote the electrode potential during and after irradiation, card 1/4

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

33122 s/638/61/001/000/053/056 B125/B104

Heterogeneous sensitization ...

respectively. Visible light and gamma rays apparently give rise to similar excitation processes in the semiconductor, with the absolute values of $\triangle V_c$ under gamma irradiation being higher than with visible light. Fig. 2 shows the typical dependence of potential change on the duration of irradiation for an initial potential of 0.200 v. For the other initial potentials examined, the curve shape was similar, but the absolute values of ΔV_C were lower. The potential jump at the beginning and the following slow approach of the potential to the steady state are due to the excitation of the semiconductor and to the electrochemical oxidation, respectively. The components (OH, O_2) appearing in the radiolysis of water speed up the electrochemical reaction. The experimental results available so far are not sufficient to back the assumption of a specific mechanism for the radio-electrochemical process on the Cu·Cu2O electrode. They suffice, however, for the following hypothesis: Due to the action of hydrogen peroxide may also radiation, Cu20 can be exidized to Cu(OH)2: be produced by a sensitized reaction involving the oxygen which is always present in Cu20. The radio-electrochemical process on the Cu-Cu20 electrode is of interest also for heterogeneous radiation sensitization. Card 2/4

CIA-RDP86-00513R001550110013-4"

APPROVED FOR RELEASE: 08/09/2001

33122 S/638/61/001/000/053/056 B125/B104

Heterogeneous sensitization ...

A noticeable sensitization, however, is only possible in the case of a sufficiently large acting surface of the sensitizer. According to data available on the damping of luminescence (see also Veselovskiy V. I., Miller N. B., Shub D. M. Sbornik rabot po radiatsionnoy khimii, M., AN SSSR, 49, 1955; Shub D. M., Tyurikov G. S., Veselovskiy V. I., Trudy I Vsesoyuznogo soveshchaniya po radiatsionnoy khimii, M., AN SSSR, 161, 1958), the energy of excitation of a semiconductor by electrons can be transferred to the solution components. A participation of excited electrons of the semiconductor with more than 3.0 ev in the reaction, and an excitation of radio-chemical processes by the energy absorbed and converted by the semiconductor are possible. The rate of disintegration under the action of irradiation is considerably increased by the presence of an $\mathrm{Fe}_2\mathrm{O}_3$ suspension. In a microheterogeneous system, the suspension $^{\rm Fe}2^{\rm 0}3^{\rm -H}2^{\rm 0}2$ solution is not substantially changed by radiation, and, therefore, the rate of hydrogen peroxide decomposition does not change either. The heterogeneous process depends on the electron state of the semiconductor, and the active surface centers determining the reaction are of the same nature during decomposition due to heat and irradiation. The Card 3/4

33122 s/638/61/001/000/053/056 Heterogeneous sensitization . B125/B104 experimental data fit the said hypothesis and are indicative of the possible excitation of heterogeneous sensitization processes. There are 5 figures, 1 table, and 8 references: 7 Soviet and 1 non-Soviet. ASSOCIATION: N.-i. fiziko-khimicheskiy institut im. L. Ya. Karpova (Scientific Physicochemical Research Institute imeni L. Ya. Karpov) Fig. 2. Dependence of the potential change of a Cu·Cu₂O electrode on the duration of irradiation. Legend: (1) gamma radiation; (2) optical radiation; (3) radiation; (4) time, min. 4777 2600 4503 . GC3 417 Card 4/4

S/844/62/000/000/031/129 D244/D307

AUTHORS: Shub, D. H., Belokopytov, V. P. and Veselovskiy, V. I.

TITLE: Investigation of radiation-chemical processes using semi-

conductor electrodes

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khi-

mii. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962,

188-192

TEXT: The system Cu · Cu₂O/KOH solution was investigated to determine whether semiconductor electrodes transform the absorbed energy of irradiation into electronic excitation energy, as is currently believed. The solution (0.1 N KOH) containing the Cu·Cu₂O-electrode was irradiated with rays from a Co^{6O} source with an activity of about 20,000 g-equiv. Ra, and with visible light (500 W lamp). Under the irradiation, a shift of the Cu·Cu₂O-electrode potential (in the region of 0.2 - 0.7 v) in the positive direction, was observed. A reverse effect was observed in the region of 0.8 - Card 1/2

Investigation of radiation- ...

S/844/62/000/000/031/129 D244/D307

1.7 v. Detailed analysis of the results in the region of 0.2 - 0.7 v showed that irradiation promoted an electrochemical reaction on the electrode surface, which led to the oxidation of Cu₂). Reduction of the products of the oxidizing reaction and return of the electrode to its original state takes place by means of cathodic polarization. The oxidation reaction occurs as a result of absorption of the irradiation energy by Cu₂0. The results are interesting from the point of view of the elucidation of the possibility of reaching a stationary potential difference under the influence of ionizing radiation, since the Cu₂0 electrode then assumes a sufficiently high and stable anodic potential. There are 4 figures.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Kampova (Physico-Chemical Institute im. L. Ya. Kampov)

Card 2/2

S/844/62/000/000/045/129 D287/D307

AUTHORS: Shub, D. M., Belokopytov, V. P. and Veselovskiy, V. I.

TITLE: Investigations of the radiolytic oxidation of organic

substances sensitized with semiconductors

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimii. Ed. by L. S. Polak. Hoscow, Izd vo AN SSSR, 1962,

269-273

TEXT: Possible methods were investigated for increasing the yield of products during the radiolysis of organic substances, by using the system ZnO (suspension) - potassium oxalate (aqueous solution). The marked effect of heterogeneous sensitization can only be observed when the active surface of the sensitizer is sufficiently large. ZnO suspensions in aqueous potassium oxalate were therefore used, being continuously agitated during irradiation (800 rpm). Oxygen or nitrogen were led through the solution (40 ml/min) and the reaction temperature kept constant at 200C. After irradiation the concentrations of $k_2 C_2 O_4$ and $H_2 O_2$ were determined and compared with

Card 1/3

Investigations of the ...

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data obtained for solutions not containing 2n0. The samples consisted of 50 ml of 5.0 x 10^{-5} N K_2 C₂O₄ solution (containing 1 g 2n0). Investigations on the relationship between the decomposition of K_2 C₂O₄ and the time of irradiation showed, in the presence of 0 oxygen, that the rate of decomposition increased noticeably in the presence of 0 of 0 or 0 of 0 or 0 of 0 or 0 or

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investigations of the ...

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exists between the decomposition of $K_2C_2O_4$ and the quantity of $\ell n0$ in the solution when the solution is irradiated for 20 min. The reaction is thus heterogeneous. Heterogeneous sensitization processes may, therefore, constitute one method for utilizing nuclear radiation more effectively in chemical reactions. There are 4 figures.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-Chemical Institute im. L. Ya. Karpov)

Card 3/3

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USSR/Micribiology - Antibiodis and Symbiosis. Antibiotics.

7-2

Abs Jour

: Ref Zhur - Biol., No 10, 1958, 43222

Author

: Shub, G.M.

DESCRIPTION OF THE PROPERTY OF

Inst Title : A Laboratory and Clinical Study of Effects of Syntonycin

on Proteus Bacillus.

Orig Pub

: V sb.: Gnoynyy otit, ego oslozhueniya i lechenie. Saratov,

1957, 59-66.

Abstract

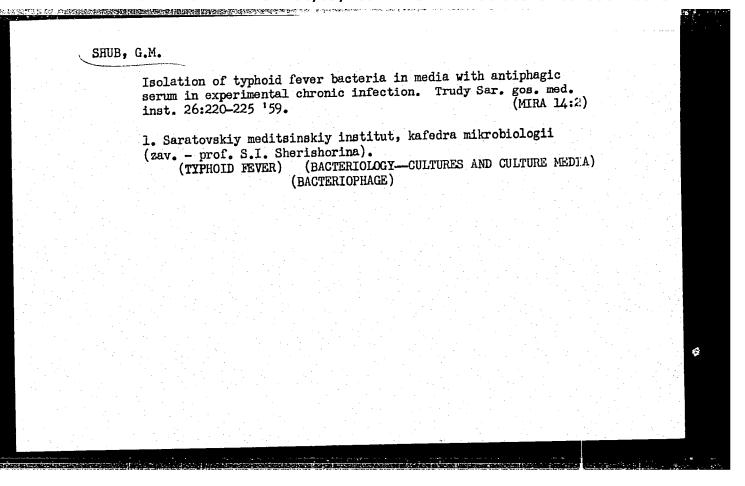
: In experiments in vitro syntomycin inhibited development of proteus in a concentration of 1 mg/ml, and levonycetin in a concentration of 0.02 mg/ml. When levonycetin was injected into mice at a dosage of 0.75 mg at the time they were infected intraperitoncally by Bacterium proteus or 3 hours after infection, 100% survival of the animals was observed. In chronic otitis in humans, application of syntomycin in the form of a 1% emulsion produced total dis-

appearance of the causal agent.

Card 1/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4"

SHUB, G. M. Cand Med Sci -- (diss) "Application of antiphage serum for the purpose of sifting out abdominal-typhus bacteria." Saratov, 1959. 11 pp (Min of Health RSFSR. Saratov State Med Inst), 200 copies (KL, 52-59, 127)



and sensitive	and cytochrome oxidas typhoid bacteria. An krobiologii (zav pr		(MTRA 1/4:7)
	instituta. (SALMONELLA TYPHOSA) (DEHYDROGENASE)	(CYTOCHROMES) (CHLOROMYCETIN)	

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SHUB, G	Separation of typhoid fever bacteria in media with antiphage serm. Lab. delo 7 no.2:54-56 F ¹ 61. (MIRA 14:1)	
	l. Kafedra mikrobiologii (zav prof. S.I.Shereoshorina) Saratov- skogo meditsinskogo instituta. (TYPHOID FEVER) (BACTERIOPHAGE) (BACTERIOLOGY, CULTURES AND CULTURE MEDIA)	

SHUB, G.M.; SHENDERCY. B.A.

Catalase and peroxidase activity of typhoid fever bacteria sensitive and resistant to levomycin. Antibiotiki 8 nc.l: (MIRA 16:6)
69-71 Ja'63.

1. Kafedra mikrobiologii (zav. - prof. S.I.Sherishorina) Saratovskogo gosudarstvennogo meditsinskogo instituta. (CATAIASE) (PEROXIDASES) (SAIMONELLA)

(LEVONYCETIE)

SHERISHORINA, S.I.; SHUB, G.M.; SHENDEROV, B.A.

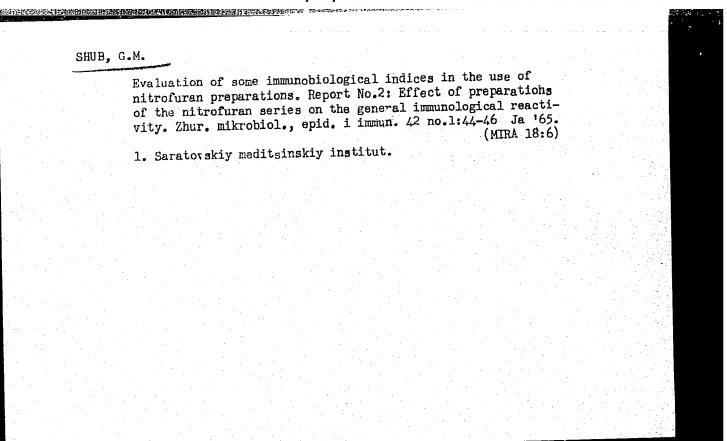
Effect of levomycetin and some chemotherapeutic compounds on the activity of dehydrogenases in dysentery bacilli. Antibiotiki 9 no.12: 1066-1070 D '64. (MIRA 18:7)

1. Kafedra mikrobiologii (zav. - prof. S.I.Sherishorina) Saratovskogo meditsinskogo instituta.

SHVARCS, L.S.; SHUB, G.M.; YUDANOVA, L.S.

Immunology of atherosclerosis; preliminary report. Mardiologila
5 no.2:56-60 Mr-Ap 165.

1. Saratovskiy meditsinskiy institut.



96196T Vd	USSR/Metals - Steel, Precision Jul 51 Casting "Fabrication of Precision Steel Castings in	eneral	Discusses precision capture and its various stages, such as: pattern molds for pattern fabrication, pattern rials (stearin, paraffin, ceresin, beeswoodphony, frozen mercury), pattern coat investment molds, methoda of pouring, et Tabulates extent of mechanization realization realization	USSR/Metals - Steel, Precision Casting Jul 51 (Contd) production of precision castings: 14 out of 18	basic operations are partly accomplised. of all operations may be automatized.	1964396	•••• I	' ब्रामइ	
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CHUE, I. Ye.

Precision Capting

Results of the Conference of the Moscow Branch of the All-Union Scientific Engineerin and Technical Cociety of Foundrymen on the enchange of experience in casting from funible patterns. Lit. proize. No. 1, 1953.

Monthly List of Aussian Accessions, Library of Confress, June 1953. Uncl.

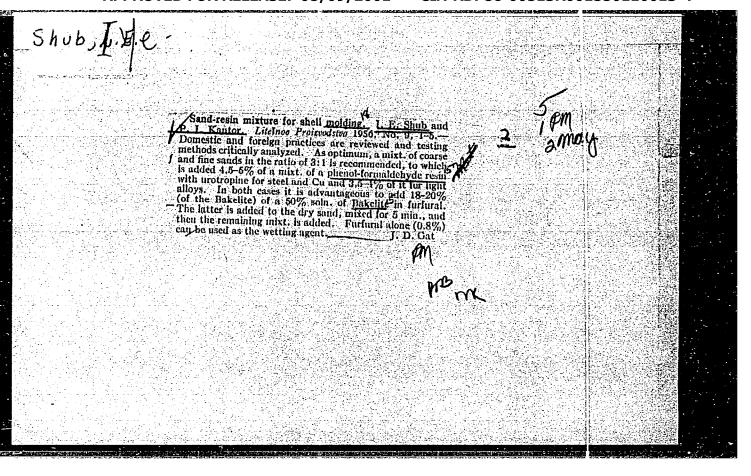
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Founding

Concerning the article "New developments in founding by means of fussible models."

Lit. proizv. No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.



SHUB, I. Ye., kandidat tekhnicheskikh nauk; SHORYGINA, N.V., kandidat
Khimicheskikh nauk; KANTOR, P.I., inzhener.

Gluing together the two halves of the shell mold. Lit.proizv.
no.11:2-5 N *56.

(Shell molding (Founding)) (Gluing)

(Shell molding (Founding)) (Gluing)

SHUB, 14e

PHASE I BOOK EXPLOITATION

899

Mekhanizatsiya i avtomatizatsiya liteynogo proizvodstva (Mechanization and Automatic Control of Founding Processes) [Leningrad]
Lenizdat, 1957. 224 p. 3,000 copies printed.

Ed.: (title page): Sokolov, A.N.; Ed.: (inside book): Yemel'yanova, Ye. V.; Tech. Ed.: Rodchenko, N.I.

PURPOSE: This book is intended for engineers and technical personnel working in the founding industries.

COVERAGE: The book presents experience gained by several Leningrad plants in the field of mechanization and automation of metal casting processes. It is stated that in total production of castings the Soviet Union is catching up with the U.S.A., and in production of steel castings the USSR is already leading. Soviet production of castings in 1955 amounted to 11 million tons, 2 million of which were steel castings. No personalities are mentioned. There are 33 references, 29 of which are Soviet, 3 English, and 1 German.

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PHASE I BOOK EXPLOITATION SOV/1440

- Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Leningradskoye oblastnoye pravleniye
- Lit'ye povyshennoy tochnosti (High-precision Casting) Moscow, Mashgiz, 1958. 196 p. (Series: Its: Sbornik, kn.45) 7,000 copies printed.
- Ed.: A.N. Sokolov; Tech. Ed.: L.V. Sokolova; Managing Ed. for Literature on Machine-building Technology (Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.
- PURPOSE: This book is intended for engineers and technicians at foundries and planning and research institutes.
- COVERAGE: The book contains the transactions of a special conference called in November, 1956, by the Leningrad Oblast Administration of the Nauchno-tekhnicheskoye obshchestvo NTO (Scientific and Technical Society of the Machine-building Industry). The articles describe advanced techniques used in

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High-precision Casting

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precision-casting processes such as shell molding, investment casting, pressure die casting, press die casting (called in Russian "forging of liquid metal"), and suction casting. Special attention is given to the production of large precision castings, one of the principal problems in the industry. At the same time, methods of improving the precision of sand-mold castings are examined. Experience gained in the mechanization of precision-casting and shell-molding processes is reported. Information is given on the present state of precision casting, both in the USSR and elsewhere. No personalities are mentioned.

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Shub, I. Ye. [Chairman, Committee on Special Methods of Casting, Leningrad Oblast Administration of the Scientific

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PHASE I BOOK EXPLOITATION 1098

- Shub, Il'ya Yefimovich, Candidate of Technical Sciences and Sorokin, Pavel Vasil'yevich, Candidate of Technical Sciences
- Tochnoye lit'ye po vyplavlyayemym modelyam (Precision Investment Casting) Moscow, Mashgiz, 1958. 229 p. 5,500 copies printed.
- Reviewer: Shamirgon, S.A., Docent; Ed.: Sokolov, A.N., Candidate of Technical Sciences, Docent; Ed. of Publishing House: Chfas, M.A.; Tech. Ed.: Speranskaya, O.V.; Managing Ed. for Literature on Machine-Building Technology (Leningrad Division, Mashgiz): Naumov, Ye. P., Engineer.
- PURPOSE: This book is intended for investment casting workers. It may also be used by foremen and technologists and by students of trade and technical schools.
- COVERAGE: The authors give a step-by-step description of the investment casting process and summarize experience gained

Card 1/5

Precision Investment Casting

1098

in various branches of industry in the USSR. Attention is given to rational working methods and to the latest developments in investment casting techniques and also to modern equipment and safety technique. Problems of increasing the quality of castings and measures for eliminating rejects in all basic operations are discussed in detail. The basic technical and economic indices are given and the advantages of investment casting are discussed. No personalities are mentioned. There are 21 Soviet references.

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PHASE I BOOK EXPLOITATION SOV/5458

Girshovich, Naum Grigor'yevich, Doctor of Technical Sciences, Frofessor, ed.

Spravochnik po chugunnomu lit'yu (Handbook on Iron Castings) 2d ed., rev. and enl. Moscow, Manhgiz, 1961. 800 p. Errata slip inserted. 16,000 coptes printed.

Reviewer: P. P. Berg, Doctor of Technical Sciences, Professor; Ed.:

I. A. Baranov, Engineer; Ed. of Publishing House: T. L. Leykins; Tech. Eds.: O. V. Speranskaya and P. S. Frumkin; Managing Ed. for Literature on Machine-Building Technology (Leningrad Department, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This handbook is intended for technical personnel at cast-iron foundries. It may also be of use to skilled workmen in foundries and students specializing in founding.

GOVERAGE: The handbook contains information on basic problems in the modern manufacture of iron castings. The following are discussed: the composition and properties of the metal; the making of molds; special casting methods; the charge preparation; melting Card-1/11

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and modifying the cast iron; pouring, shaking out, and cleaning of castings; heat-treatment methods; and the inspection and rejection of castings. Information on foundry equipment and on the mechanization of castings production is also presented. The authors thank Professor P. P. Berg, Doctor of Technical Science and staff members of the Mosstankolit Plant, headed by the chiemetallurgist G. I. Kletskin, Candidate of Technical Sciences, their assistance. References follow each chapter. There are a references, mostly Soviet.	13 ,	
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S/137/62/000/001/066/237 A060/A101

AUTHORS:

Dorf, Z. P., Klimenko, V. N., Radomysel'skiy, I. D., Shub, I. Ye.

TITLE:

The requirements of the Leningrad sovnarkhoz industry for metalloceramic articles, and the economic efficiency of their introduction

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 42, abstract 16321 ("Poroshk. metallurgiya", 1961, no. 3, 100-110. English summary)

TEXT: An inspection of 100 enterprises of the Leningrad sovnarkhoz has brought to light the requirements for metallo-ceramic articles numbering 44.3 million pieces with total weight 2,746 tons (1,109 denominations). Of all the forms of metallo-ceramic articles the share of structural materials is $\sim 66\%$, magnetic $\sim 24\%$, antifriction $\sim 6\%$. The requirements for metallo-ceramic articles for 1965, constituting 4,915 tons, is also determined. Recommendations are cited on the organization of the metallo-ceramic production at various Leningrad enterprises. The economic aspect of the industrial application of articles fabricated by the methods of powder metallurgy is analyzed. The nominal yearly saving on account of the introduction of powder materials constitutes > 3 million rubles. In Leningrad the introduction of every thousand tons of

Card 1/2

The requirements of the Leningrad ...

S/137/62/000/001/066/237 A060/A101

of metallo-ceramic articles is accompanied by a saving of 1.6 million rubles, 2.6 thousand tons of metal, and 260 workers and 152 metal cutting machines are freed.

R. Andriyevskiy

[Abstracter's note: Complete translation]

Card 2/2

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AUTHORS:

Shut, I.Ye., Kondrat'yev, Yu.P.

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TITLES

Metal-plastics press molds for precision casting

FERICATOAL:

Liteynoye proizvodstvo, no. 2, 1962, 35 - 37

The authors report on investigations carried out by the Vsekbyuznay projektholotekhnologicheskiy institut (All-Union Design and Flanning Technologica. Institute) of the Lensovnarkhoz and the Central Laboratory of the Armaturnyv zavid im. Lepse (Fittings Flant im. Lepse) - Eng. V.L. Abramov of the latter participating - to select suitable materials and develop methods of making press molis from a metal-plastics compound. Laboratory tests of press molis made of epoxy resin with filler disclosed a number of essential deficiencies, e.g., poor heat conductivity of the resin used, easy deformation of the mold and formation of large clearances, etc. To eliminate these deficiencies, tests were carried out with press molds consisting of the DAL-6 (ED-6) epoxy resin and dibutylphinslate as plasticizer and aluminum powder. The facing and filler compounds were of the following composition: 50 and 25% resin; 43 and 64% aluminum powder screened through a 025 and 1 mesh sieve; 2 and 3.5% dibutylphinslate and 5 and 2.5%

Cari 1/3

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Metal-plastics press.....

polyethylene-polyamine (as hardener). The plastic possessed the following paraputy= miyten= potyamiting kg/cm²; $t = 0.1 \div 0.2\%$; $a_{\rm k} = 8 \div 10 \, {\rm kgcm/cm^2}$; $HB = 10 \, {\rm meters}$: $d_{\rm D} = 250 \div 350 \, {\rm kg/cm^2}$; $t = 0.1 \div 0.2\%$; $a_{\rm k} = 8 \div 10 \, {\rm kgcm/cm^2}$; $t = 0.1 \div 0.2\%$; t =- 12 units, measured with a 5-mm ball at 250 kg load; heat senductivity . 1.73 kcal/m/h-degree; specific heat - 0,37 kcal/kg-degree, density - 1,720 kg/m3. The investigations revealed that a 1-hour heat treatment of the specimens at 70 - 80°C increased their tensile strength, notch toughness and hardness by 20 -25%. By a short vibration or low-vacuum treatment at 400 .. 500 Hg, the norosity was reduced and the density and strength increased by 10 - 12%. An additional heat treatment of the finished press molds for 6 - 8 hours at 50 - 5500 prevents their deformation and increases the material strength by 8 - 12%. The mister patterns were made in the ordinary way of steel, cast iron, nonferrous alloye, mixtures of epoxy resin with wood fillers, etc. The authors give a description of the press mold manufacturing process and point out that the labor consumption and costs of the new metal-plastics press molds are reduced by a factor of 2 - 4. the press mold manufacturing process is accelerated by a factor of 2.5 and their weight reduced by a factor of 10. The described press molds are most effectively used in the production of large-size thin-walled patterns of intricate shape. At present, they are being introduced in several leningrad plants. There are 7 figures and 7 references: 4 Soviet-bloc and 3 non-Soviet-bloc. The references to three English-language publications rest as follows: "Poundry", no. 3, 1958: Card 2/3

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APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001550110013-4" S/118/62/000/005/001/001 D234/D308

AUTHORS:

TITLE:

Gol'berg, I.G., Sverdlov, V.I., Engineers, and Shub, I.Ye., Candidate of Technical Sciences

Shub, I.Ie

An automated department for casting under pressure

PERIODICAL:

Mekhanizatsiya i avtomatizatsiya proizvodstva,

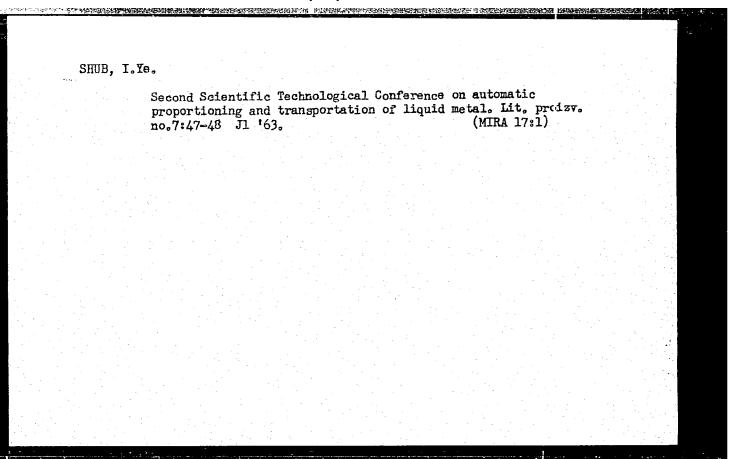
no. 5, 1962, 4 - 6

Description of the department for casting zinc alloys and brass, designed by Gipropribor and NIITMASh Leningrads-kogo sovnarkhoza jointly with Leningradskiy karbyuratornyy zavod (Leningrad Carburetor Plant) and now under construction at the latter. Magnetohydrodynamic pumps for proportioning and transporting metal were designed at the Institute of Physics of the Latvian Academy of Sciences and by TsKTB. In the section of zinc alloys liquid metal is fed directly to the batchers through a pipeline and the pump secures constant pressure. Automatic control system is based on the principle of controlling coltage supplied to the windings of pump,

Card 1/2

SHUB, I.Ye.; KONDART'YEV, Iu.P.

Metallic plastic pressmolds for precision casting. Ratsionalizatsila no.7:24-26 '62.



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OTHORS: Alekseyevskaya, Ye. K.;	Nechayev, B. A.; Golo	vanov, N. N.; Shu	i, I. Ye.;	Paners
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ITLE: A ceramic coating for mal ctive metals. Class 31, No. 16	king <u>casting molds</u> by m 9762	elting patterns (f chemically	
OURCE: Byulleten' izobreteniy	i tovarnykh znakov, no.	7, 1965, 96		
OPIC TAGS: ceramic coating, ca				
BSTRACT: This Author Certifica molds by melting patterns of che	te presents a ceremic	coating for makin To obtain casti	g casting ngs without	
molds by melting patterns of che sand burning pickup, the filler as magnesite, olivine, foreterit	is made up of material e, and 15-30% of binde	s with basic prop r for the casting	sand.	
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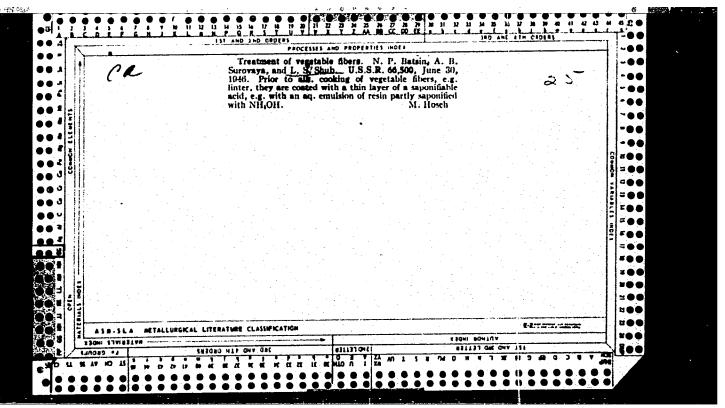
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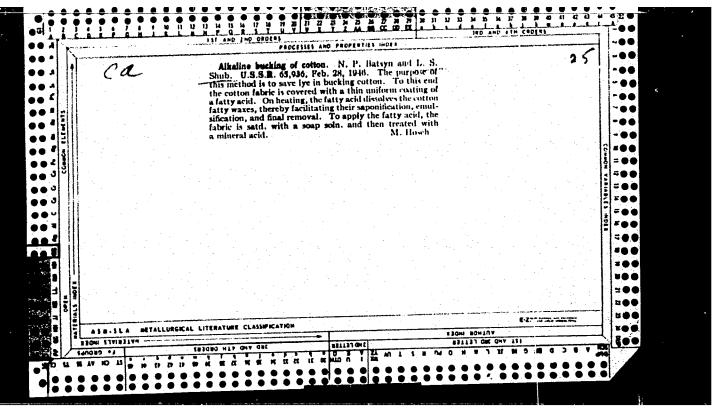
BOKOV, I.I., kand.tekhn.nauk; SHUB, L.G., inzh.

Effect of ironing passes in rolling on the properties of low-carbon steel sheet. Stal' 23 no.4:340-343 Ap '63. (MIRA 16:4)

1. Chelyabinskiy nauchno-issledovatel skiy institut metallurgii.
(Rolling (Metalwork)) (Sheet steel)

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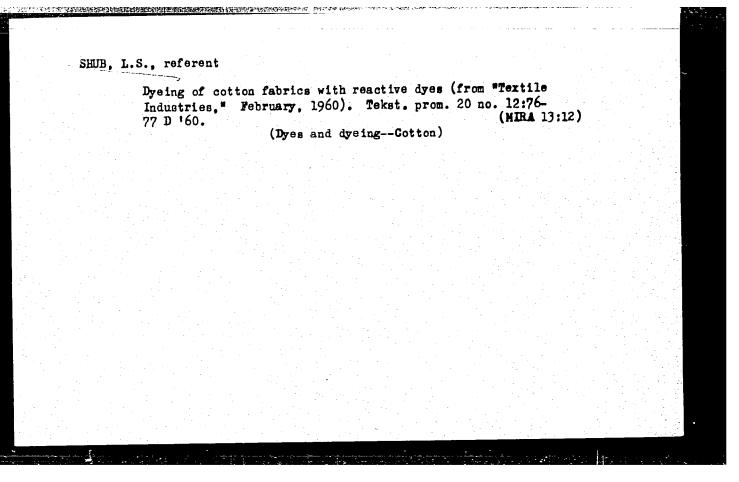




SHUB, L.S., inzh.

Technical progress in cotton finishing. Tekst. prom. 18 no. 7:38
(MIRA 11:7)

(Cotton finishing)



SINEGUB-LAVRENKO, Anna Antonovna; ANISIMOV, Viktor Ivanovich; TARASOVA,
Lyudmila Aleksandrovna; MIKLASHEVSKIY, S.P., retsenzent; SHUB.L.S.,
spets. red.; VERBITSKAYA, Ye.M., red.; SHVETSOV, S.V., tekhn. red.

[Photomechanical methods for the production screens for textile printing] Fotomekhanicheskie sposoby izgotovleniia form dlia pechati na tkaniakh. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, (MIRA 15:1) 1961. 142 p.

(Textile printing) (Photomechanical processes)

KUTANIN, Amatoliy Fedorovich; KASHIN, Vatslav Aleksandrovich; SMIRNOV, Gennadiy Nikolayevich; DMITRIYEVSKAYA, Nina Petrovna; PUZYREV, A.V., kand.tekhn.nauk, red.; SOROKIN, N.S., retsenzent; SHUB, L.S., retsenzent; VERBITSKAYA, Ye.M., red.; VINOGRADOVA, G.A., tekhn.red.

[Safety measures in dying and finishing shops] Tekhnika besopasnesti v krasil'no-otdelechnom proizvodstve. By A.F.Kutanin and others. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1961.
147 p. (MIRA 14:12)

(Textile industry-Safety measures)

MOISEYEV, Aleksey Grigor'yevich; PETROV, Viktor Mikbaylovich; VOLKOV, I.V., retsonzent; VERBITSKAYA, Ye.M., red.; SHUB, L.S., spets.red.; SHVETSOV, S.V., tekhn.red.

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BORISOV, N.N.; SHUB, L.S.

Plotting board for determining the surface dimensions of sheepand goatskins. Kozh.-obuv.prom. 6 no.3:33 Mr '64. (MIRA 17:4)

SHUB, L.S., inzh.referent

Catalysts for crease resistant finish (from "Textile Manufacturer,"
February, March 1960). Tekst. prom. 21 no. 4:78-80 Ap '61.
(MIRA 14:7)
(Crease-resistant fabrics) (Catalysts)

STEPANOV, Andrey Sergeyevich; SHUB, L.S., retsenzent; MORYGANOV, P.V., retsenzent; VERBITSKAYA, Ye.M., red.

[Development of technology of the finishing of cotton, linen and rayon fabrics] Razvitie tekhnologii otdelki khlopchatobumazhnykh, l'nianykh i viskoznykh tkanei. Moskva, Legkaia industriia, 1965. 267 p. (MIRA 18:7)

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SHUB, M.G.

Plastic surgery and postoperative therapy in radical ear surgery. Vest. otorinolar., Moskva 15 no.4:66-69 July-Aug 1953. (CIML 25:1)

1. Candidate Medical Sciences. 2. Of the Clinic for Diseases of the Ear, Throat, and Nose (Director -- Prof. M. I. Vol'fkovich), Saratov Medical Institute.

SHUB, M.G., kandidat meditsinskikh nauk

Furacillin therapy in chronic purulent otitis media. Vest. oto-rin. 17 no.5:81-82 S-0 '55. (MIRA 9:2)

 Iz kliniki bolezney ukha, gorla, i nosa (zav. - prof. M.I. Vol'fkovich) Saratovskogo meditsinskogo instituta. (EAR--DISEASES) (FURALDEHYDE)

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SHUB, 1111.6-

USSR / Pharmacology, Toxicology, Cardiovascular Drugs.

: Ref Zhur - Biol., No 20, 1958, No 94305 Abs Jour

: Shub, II. G. : Not given Author

Inst

: Treatment of Chronic Purulent Otitis with Title

Furacillin.

: V sb.: Gnoynyy otit, yego oslozhmeniya i lecheniye. Saratov, 1957, 75-80. Oris Pub

: Furacillin (I) was applied for the treatment of Abstract chronic purulent middle-ear otitis after the radical ear operation of 96 patients by insuf-flation of a 0.15 g dose of powder. The effect appeared 8 - 10 days after treatment. During controlled bacteriological investigation of the

secretion of the tympanic cavity after treatment, the smear cultures from 81% of the patients (out of 42) were found to be sterile. The treatment

with I does not cause any complications and is

well tolerated by the patients.

Card 1/1

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